

Summary of Accidents Investigated by the Federal Railroad Administration Calendar Year 1979

October 1981



U.S. Department
of Transportation
Federal Railroad
Administration

Office of Safety



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INTRODUCTION

The 1979 Summary of Accidents Investigated by the Federal Railroad Administration (FRA) includes 173 railroad accidents.

This report provides the following essential information:

- o the railroad(s) involved
- o the location and time of the accident
- o the method of operation and movements involved
- o the speed involved
- o the type of track
- o the number of casualties
- o the estimated cost of railroad damages
- o the probable cause and any contributing factor(s).

The railroad codes used in this report can be found in the FRA Guide for Preparing Accident/Incident Reports, 1979, Appendix A.

Estimated railroad damage includes labor cost, and all other costs to repair or replace damaged on-track equipment, signals, track, track structures, or roadbed. The cost of lading and clearing the wreck, as well as the cost to society, is not included.

Request for further information or details concerning any of the accidents summarized in this document should be directed to:

Federal Railroad Administration
Office of Safety
400 Seventh Street, S. W.
Washington, D. C. 20590

ACCIDENT SUMMARY

1. Accidents Investigated

During Calendar Year 1979, the Federal Railroad Administration investigated and determined the probable cause of 173 railroad accidents.

	<u>No.</u>	<u>PERCENT</u>
2. <u>Type of Accidents</u>		
(a) Derailment	114	65.9
(b) Head-End Collision	17	9.8
(c) Rear-End Collision	22	12.7
(d) Side Collision	9	5.2
(e) Broken Train Collision	2	1.2
(f) Rail-Highway Crossing	9	5.2
Total	173	100.0

3. Casualties

(a) Killed		38
(b) Injured		1,665

4. Estimated Cost of Damages

(a) Equipment		\$63,527,955
(b) Signals, Track, Track Structures or Roadbed		\$ 7,130,516

5. Accident Causes

	<u>No.</u>	<u>PERCENT</u>
(a) Track Roadbed and Structures	42	24.3
(b) Mechanical and Electrical Failures	29	16.8
(c) Train Operation-Human Factors	69	39.9
(d) Miscellaneous	33	19.0
Total	173	100.0

REPORT NUMBER	RAILROAD CODE	.....ACCIDENT LOCATION.....		DATE	PAGE
1	GTW	MORRICE	MI	01/05/79	1
2	LN	SIMPSONVILLE	KY	01/06/79	1
3	LN	HANSON	KY	01/07/79	1
4	SLSF	GILMORE	AR	01/08/79	2
5	NW	CHARLESTOWN	WV	01/10/79	2
6	NW	STURGEON	MO	01/10/79	2
7	SLSF	ROGERSVILLE	MO	01/10/79	3
8	CO	GERA	MI	01/11/79	3
9	BN	SHANNON	IA	01/12/79	3
10	BM/ ATK	HOLYOKE	MA	01/13/79	4
11	KCS	DEQUEEN	AR	01/13/79	4
12	BO	MARTINSBURG	WV	01/14/79	4
13	LN	VININGS	GA	01/15/79	5
14	LN	PAULSEN	KY	01/16/79	5
15	MP/ CNW	ATCHISON	KS	01/17/79	5
16	ICG	HUNTER	AL	01/19/79	6
17	CR	HURON	OH	01/19/79	6
18	UP	DALE JCT	WY	01/22/79	6
19	LN	PURYEAR	TN	01/23/79	7
20	MP	SEDALIA	MO	01/23/79	7
21	LN	PERTH	KY	01/25/79	7
22	BO/ WM	BALTIMORE	MD	01/25/79	8
23	BN	MARSLAND	NE	01/25/79	8
24	UP	ONTARIO	OR	01/25/79	8
25	LN	MONTGOMERY	AL	01/26/79	9
26	SOO	MALACCA	MI	01/26/79	9
27	LN	CHEF MENTEUR	LA	01/27/79	9
28	LN/ ATK	GOSPORT	IN	01/27/79	10
29	CR	MUNCY	PA	01/31/79	10
30	MILW	REESEVILLE	WI	01/31/79	10
31	CNW	ARLINGTON	NE	01/31/79	11
32	CO	CHARLESTON	WV	02/04/79	11
33	MP/ MKT	NEVADA	MO	02/05/79	11
34	SP	CORRIGAN	TX	02/06/79	12
35	CNW	WARREN	WI	02/06/79	12
36	LN	CHICAGO	IL	02/07/79	12
37	MP/ SSW	RANGLES	MO	02/09/79	13
38	BO	RIDGEWAY	PA	02/10/79	13
39	SCL/ ATK	MCINTOSH	GA	02/11/79	13
40	FEC	OAKLAND PARK	FL	02/12/79	14
41	SP	HOUSTON	TX	02/12/79	14

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
42	ICG	CHICAGO	IL	02/12/79	14
43	MILW	STURTEVANT	WI	02/12/79	15
44	BO	BIG RUN	PA	02/13/79	15
45	MP	GOODWINE	IL	02/14/79	15
46	CR/ ATK	GALLITZIN	PA	02/17/79	16
47	MP	BRYAN	TX	02/18/79	16
48	SP	DEETH	NV	02/21/79	16
49	BO	CHESTER	PA	02/25/79	17
50	DTP	PUEBLO	CO	02/27/79	17
51	MP	POPING	AR	02/28/79	17
52	CO	BUCHANAN	VA	02/28/79	18
53	BM	BEVERLY	MA	02/28/79	18
54	BO/ ATK	HARDMAN	WV	03/01/79	18
55	CR/ ATK	BACK BAY	MA	03/11/79	19
56	UP	GOTHENBURG	NE	03/12/79	19
57	BO	GARRETT	PA	03/15/79	19
58	ATSF	ALVA	OK	03/21/79	20
59	BO	SHAMROCK	PA	03/24/79	20
60	ATSF	BANGS	TX	03/26/79	20
61	BN/ ATK	LOHMAN	MT	03/28/79	21
62	UP	RAMSEY	WY	03/29/79	21
63	BN	BADEN	MN	03/30/79	21
64	BN	SWAN RIVER	MN	03/31/79	22
65	SOU	FRIENDS	TN	04/06/79	22
66	MEC	BANGOR	ME	04/06/79	22
67	LN	CRESTVIEW	FL	04/08/79	23
68	SLSF / MKT	COLUMBUS	KS	04/10/79	23
69	ICG	BLUFORD	IL	04/12/79	23
70	ICG	FORT KNOX	KY	04/12/79	24
71	ATSF	CULEBRA	NM	04/14/79	24
72	BN/ UP/ MILW	VANCOUVER JUNCTION	WA	04/15/79	24
73	ATK	EDISON	NJ	04/20/79	25
74	BO	KNIGHT	WV	04/25/79	25
75	CR	WILKINSBURG	PA	04/27/79	25
76	BN	HILLSDALE	IL	04/27/79	26
77	MP	CHAMOIS	MO	04/27/79	26
78	MILW/ ATK	NEW LISBON	WI	04/29/79	26
79	ICG	CECILIA	KY	04/30/79	27
80	BM/ ATK	CHARLESTOWN	NH	05/01/79	27

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
81	CR	IRVING	NY	05/03/79	27
82	BN/ ATK	PASCO	WA	05/06/79	28
83	CR	BESSEMER	PA	05/06/79	28
84	ATK	PENN STATION	NY	05/06/79	28
85	LN	SINKS	KY	05/08/79	29
86	SP	STRANG	TX	05/09/79	29
87	NW	WILMORE	WV	05/11/79	29
88	MP/ MKT	COLLINSVILLE	TX	05/16/79	30
89	BN	AURORA	NE	05/17/79	30
90	LN	CRAWFORDSVILLE	IN	05/22/79	30
91	SLSF	SPRINGFIELD	MO	06/03/79	31
92	LN	NORTONVILLE	KY	06/06/79	31
93	BN	BLOSSBURG	MT	06/11/79	31
94	ATK	NEW HOLLAND BRIDGE	PA	06/13/79	32
95	SP	SHREVEPORT	LA	06/19/79	32
96	SP	HOUSTON	TX	06/19/79	32
97	CO	NEWAYGO	MI	06/22/79	33
98	SOU	BIBB MILL	AL	06/25/79	33
99	RI	ALMA	KS	06/30/79	33
100	ATSF	ARGYLE	IA	07/02/79	34
101	GMRC/ SF	RIVERSIDE	VT	07/06/79	34
102	CR	VERMILION	OH	07/07/79	34
103	SCL	DUNNELLON	FL	07/08/79	35
104	UP	ELKHORN	NE	07/12/79	35
105	CR	GRASS LAKE	MI	07/13/79	35
106	CR	HERKIMER	NY	07/13/79	36
107	PATH	HARRISON	NJ	07/17/79	36
108	ATK	LANCASTER	PA	07/22/79	36
109	SP	THOUSAND PALMS	CA	07/24/79	37
110	WP	LOW	UT	07/24/79	37
111	MP	PEARSALL	TX	07/28/79	37
112	CR	ARMITAGE	OH	07/30/79	38
113	UP	GRANITE	WY	07/31/79	38
114	SP	FEODORA	TX	08/01/79	38
115	CR	PERRYVILLE	MD	08/01/79	39
116	BM	CHICOPEE	MA	08/02/79	39
117	SOU	BURLINGTON-GRAHAM	NC	08/02/79	39
118	SP	PERKINS	CA	08/02/79	40
119	ATK	WARWICK	RI	08/04/79	40
120	SP	OXNARD	CA	08/05/79	40
121	CR/ DH	LINDEN	NY	08/10/79	41
122	LA	RESERVE	LA	08/17/79	41
123	DTI	LIMA	OH	08/19/79	41
124	CR	DELAIR	NJ	08/20/79	42

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
125	BN	MAIDEN ROCK	WI	08/23/79	42
126	BO	SOUTH PARK	OH	08/28/79	42
127	SOU	LEXINGTON	NC	08/29/79	43
128	CR	WASHINGTON	RI	08/30/79	43
129	SP	PAXTON	TX	09/08/79	43
130	CR	ALLIANCE	OH	09/12/79	44
131	CO	DAYTON	KY	09/14/79	44
132	CR / ATK	BAY VIEW	MD	09/16/79	44
133	SOU	NORRIS YARD	AL	09/17/79	45
134	SP	RAY JUNCTION	AZ	09/17/79	45
135	LN	RADNOR	TN	09/18/79	45
136	SCL	ST. STEPHENS	SC	09/20/79	46
137	MILW	COLOGNE	MN	09/21/79	46
138	CCO	KONA	NC	09/22/79	46
139	CO	MARION	OH	09/26/79	47
140	SOU	GREEN	GA	09/29/79	47
141	CR	ROYERSFORD	PA	10/01/79	47
142	ATSF / ATK	LAWRENCE	KS	10/02/79	48
143	ICG / ATK	CHICAGO	IL	10/05/79	48
144	SP	ELLWOOD	CA	10/07/79	48
145	NS	PANTEGO	NC	10/12/79	49
146	ICG / ATK	HARVEY	IL	10/12/79	49
147	UP	GRANITE	WY	10/13/79	49
148	CR	ANGORA	PA	10/16/79	50
149	CR	ACRE	OH	10/20/79	50
150	ATSF / ATK	OFFERLE	KS	10/22/79	50
151	SP	FLATONIA	TX	10/31/79	51
152	SOO	MOOSE LAKE	MN	11/04/79	51
153	CR	BOURBON	IN	11/08/79	51
154	LN	MOLINO	FL	11/11/79	52
155	CO	WAVERLY	MI	11/12/79	52
156	ICG	WOODBINE	IA	11/12/79	52
157	SCL	AUBURNDALE	FL	11/17/79	53
158	UP	DEVILS SLIDE	UT	11/17/79	53
159	SOO	FAIRMONT	ND	11/19/79	53
160	CSP	OROFINO	ID	11/20/79	54
161	KCS	DREXEL	MO	11/20/79	54
162	BM	NORTHAMPTON	MA	11/21/79	54
163	CNTP	GLEN MARY	TN	11/24/79	55
164	ICG	HAZLEHURST	MS	12/02/79	55
165	LN	GALLATIN	TN	12/11/79	55
166	LN	HUBBARD SPRINGS	VA	12/13/79	56
167	BN	ORISKA	ND	12/17/79	56

REPORT NUMBER	RAILROAD CODE	....ACCIDENT LOCATION....		DATE	PAGE
168	ICG/ ATK	CHICAGO	IL	12/17/79	56
169	SP/ ATK	CONNELL	TX	12/19/79	57
170	ATSF	SALTER	KS	12/22/79	57
171	SOO	SOUTH HAVEN	MN	12/22/79	57
172	BN	FIRTH	NE	12/25/79	58
173	LN	COLUMBIA	TN	12/26/79	58

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
GTW	01/05/79	09:25 AM	MORRICE		MI	DERAILMENT	0	0	\$146,420
1	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)		
	METHOD OF OPERATION:		AUTOMATIC BLOCK				50		
	EQUIPMENT DERAILED:		15 CARS				X5918		
PROBABLE CAUSE: SHIFTED LOAD ON FLAT CAR (TTX 160455).									
LN	01/06/79	05:15 PM	SIMPSONVILLE		KY	DERAILMENT	0	2	\$493,250
2	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)		
	METHOD OF OPERATION:		AUTOMATIC BLOCK				25		
	EQUIPMENT DERAILED:		6 LOCOMOTIVE UNITS 9 CARS				160		
PROBABLE CAUSE: EXCESSIVE SPEED ON A CURVE.									
CONTRIBUTING FACTOR: THE LOCOMOTIVE WAS NOT EQUIPPED WITH A SPEED RECORDER; HOWEVER, THE DAMAGE TO TRACK AND EQUIPMENT INDICATE THE TRAIN WAS MOVING IN EXCESS OF THAT STATED BY THE CREW.									
LN	01/07/79	04:35 PM	HANSON		KY	DERAILMENT	0	0	\$422,000
3	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL				42		
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS 44 CARS				718		
PROBABLE CAUSE: LATERAL FORCE GENERATED BY THE SIX AXLE LOCOMOTIVE (NO. 3610) MOVING AT ABOUT 42 MPH ON A THREE DEGREE CURVE CAUSING THE OUTSIDE RAIL TO ROLL OVER.									

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
SLSF	01/08/79	04:15 PM	GILMORE	AR	DERAILMENT	0	0	\$170,000
4	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN	X 673	SPEED (MPH)	52
	METHOD OF OPERATION:		TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		24 CARS					
PROBABLE CAUSE: BROKEN WHEEL ON BOX CAR (SOU 40734).								
NW	01/10/79	05:25 AM	CHARLESTOWN	WV	DERAILMENT	0	0	\$242,560
5	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN	3RV52	SPEED (MPH)	48
	METHOD OF OPERATION:		TRAFFIC CONTROL					
	EQUIPMENT DERAILED:		26 CARS					
PROBABLE CAUSE: BROKEN WHEEL ON AN EMPTY TRAILER TRAIN CAR (TTBX 914102).								
NW	01/10/79	11:15 PM	STURGEON	MO	DERAILMENT	0	0	\$24,500
6	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN	X7622	SPEED (MPH)	50
	METHOD OF OPERATION:		AUTOMATIC BLOCK					
	EQUIPMENT DERAILED:		1 CARS					
PROBABLE CAUSE: COUPLER YOKE FAILURE AT "A" END OF CAR (GATX 12932).								

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

SLSF	01/10/79	12:25 PM	ROGERSVILLE	MO	DERAILMENT	0	0	\$1,435,500
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7	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X659	62	
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 56 CARS					

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 659 NORTH) TO CONTROL TRAIN SPEED TO 40 MPH IN ACCORDANCE WITH CARRIER RULES.

CO	01/11/79	01:50 PM	GERA	MI	RAIL-HWY CROSSING	1	4	\$690,277
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8	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS MANUAL BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X3042	38	
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 12 CARS					

PROBABLE CAUSE: FAILURE OF TRUCK DRIVER TO STOP VEHICLE CLEAR OF THE CROSSING, AS REQUIRED BY MICHIGAN MOTOR VEHICLE LAW.

BN	01/12/79	06:30 AM	SHANNON	IA	DERAILMENT	0	0	\$547,100
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9	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		60	49	
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 43 CARS					

PROBABLE CAUSE: BROKEN SWITCH POINT.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
LN	01/15/79	05:05 PM	VININGS	GA	DERAILMENT	0	0	\$138,000
13	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		628	35
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS 16 CARS					
PROBABLE CAUSE: IRREGULAR CROSSLEVEL OF THE RAILS ON A THREE DEGREE 45 MINUTE CURVE WHICH VARIED FROM 2 1/2 INCHES TO 3 1/2 INCHES.								
LN	01/16/79	08:10 AM	PAULSEN	KY	DERAILMENT	0	0	\$66,600
14	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3605	24
	EQUIPMENT DERAILED:		9 CARS					
PROBABLE CAUSE: A TWO INCH DIFFERENCE IN CROSSLEVEL ON A SIX DEGREE CURVE CAUSED BY LOW AND MUDDY CONDITIONS UNDER THE TIES ALLOWED A WHEEL TO DERAIL ON THE HIGH RAIL.								
MP CNW	01/17/79	10:40 AM	ATCHISON	KS	HEAD END COLLISION	0	2	\$1,284,600
15	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL YARD RULES		MOVEMENTS INVOLVED: FREIGHT TRAIN YARD/SWITCHING FREIGHT TRAIN		X3173 1592 X551	39 0 0
	EQUIPMENT DERAILED:		6 LOCOMOTIVE UNITS 39 CARS					
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 3173 EAST) TO CONTROL TRAIN SPEED IN ACCORDANCE WITH SIGNAL INDICATIONS.								

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
ICG	01/19/79	07:35 AM	HUNTER		AL	DERAILMENT	0	0	\$1,575,610
16			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main TIME TABLE TRAIN ORDERS 7 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		AM118	SPEED (MPH) 8
PROBABLE CAUSE: LOAD SHIFTED ON BULKHEAD FLAT CAR (ICG 61735) ON A TRUSS BRIDGE.									
CR	01/19/79	02:31 PM	HURON		OH	SIDE COLLISION	0	7	\$609,800
17			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main INTERLOCKING 2 LOCOMOTIVE UNITS 21 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X6771 X8203	SPEED (MPH) 30 30
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 6771 WEST) TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.									
UP	01/22/79	04:15 AM	DALE JCT		WY	DERAILMENT	0	0	\$936,271
18			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main TRAFFIC CONTROL 42 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3184	SPEED (MPH) 40
PROBABLE CAUSE: EXCESSIVE BUFFING ACTION.									

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

LN	01/23/79	02:20 AM	PURYEAR		TN	DERAILMENT	0	0	\$26,750
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19	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		535	28
	EQUIPMENT DERAILED:		TRAIN ORDERS						
			3 LOCOMOTIVE UNITS						
			6 CARS						

PROBABLE CAUSE: A TRANSVERSE FISSURE RAIL BREAK ON TANGENT TRACK DERAILED THE TRAIN. THE RAIL WAS 90-POUND AND ROLLED IN 1923.

MP	01/23/79	07:05 AM	SEDALIA		MO	DERAILMENT	0	1	\$297,000
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20	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN		X3032	50
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS						
			24 CARS						

PROBABLE CAUSE: A 112-POUND RAIL MADE IN 1938 APPARENTLY HAD BEEN SUBSTITUTED FOR ONE OF THE 1943 RAILS WHICH ARE IN THE ACCIDENT AREA. THAT RAIL HAD A HEAD AND WEB SEPARATION DEFECT OVER SIX FEET IN LENGTH.

LN	01/25/79	08:40 AM	PERTH		KY	DERAILMENT	0	0	\$23,850
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21	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN		147	15
	EQUIPMENT DERAILED:		7 CARS						

PROBABLE CAUSE: ROCK OFF, DUE TO CAR DEFECT (INSUFFICIENT SIDE BEARING CLEARANCE).

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

BO WM	01/25/79	03:10 PM	BALTIMORE	MD	DERAILMENT	0	2	\$152,800
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22	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	INTERLOCKING			MOVEMENTS INVOLVED: FREIGHT TRAIN		X7593	21
					FREIGHT TRAIN		X3820	0
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNITS						
		9 CARS						

PROBABLE CAUSE: RAILROAD CROSSTIE WAS PLACED ON RAILS AT INTERLOCKING CROSSOVER, DERAILING THE B&O TRAIN WHICH THEN STRUCK THE WM TRAIN THAT WAS STATIONARY ON AN ADJACENT TRACK.

BN	01/25/79	03:50 PM	MARSLAND	NE	DERAILMENT	0	0	\$1,307,000
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23	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN		7T38	45
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNITS						
		50 CARS						

PROBABLE CAUSE: THE LOW RAIL ON A THREE DEGREE CURVE BROKE UNDER THE TRAIN. THE RAIL WAS 132-POUND LAID IN 1975.

UP	01/25/79	09:05 PM	ONTARIO	OR	HEAD END COLLISION	0	4	\$17,910
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24	TYPE OF TRACK:	Siding						SPEED (MPH)
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN		3029	12
					FREIGHT TRAIN		3161	17
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNITS						
		3 CARS						

PROBABLE CAUSE: TWO DISPATCHERS WERE CONTROLLING TRAIN MOVEMENTS ON THE SAME TRAFFIC CONTROL MACHINE. BECAUSE OF THEIR ERROR, THE TWO TRAINS WERE PERMITTED TO OCCUPY THE SOUTH SIDING AT THE SAME TIME.

RAILROAD CODE	DATE	TIME	----- LOCATION ----- CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
LN	01/26/79	08:30 AM	MONTGOMERY	AL	HEAD END COLLISION	0	0	\$211,918
25	TYPE OF TRACK:		Yard	MOVEMENTS INVOLVED:		LIGHT LOCO(S)		SPEED (MPH)
	METHOD OF OPERATION:		YARD RULES			CUT OF CARS		25
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS					
PROBABLE CAUSE: FAILURE OF SHOP PERSONNEL TO PROPERLY SECURE THE SIX LOCOMOTIVE UNITS BEFORE LEAVING THEM UNATTENDED.								
SOO	01/26/79	11:50 AM	MALACCA	MI	HEAD END COLLISION	0	1	\$1,300,645
26	TYPE OF TRACK:		Main	MOVEMENTS INVOLVED:		FREIGHT TRAIN		SPEED (MPH)
	METHOD OF OPERATION:		TRAIN ORDERS			X736E		28
			TIME TABLE			X766W		33
	EQUIPMENT DERAILED:		5 LOCOMOTIVE UNITS					
			23 CARS					
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 766 WEST) TO COMPLY WITH TRAIN ORDERS.								
LN	01/27/79	03:10 AM	CHEF MENTEUR	LA	DERAILMENT	0	0	\$254,300
27	TYPE OF TRACK:		Main	MOVEMENTS INVOLVED:		FREIGHT TRAIN		SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL			401		40
	EQUIPMENT DERAILED:		17 CARS					
PROBABLE CAUSE: A RAIL HAD BROKEN INTO SEVERAL PIECES AT A JOINT, IN CONTINUOUS WELDED RAIL WHICH HAD PREVIOUSLY BEEN REPAIRED.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

LN ATK	01/27/79	04:30 AM	GOSPORT		IN	DERAILMENT	0	0	\$20,800
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28	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: PASSENGER TRAIN		215	SPEED (MPH)	
	METHOD OF OPERATION:		AUTOMATIC BLOCK					38	
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS						
			7 CARS						

PROBABLE CAUSE: LATERAL FORCE OF LOCOMOTIVE SDP-40-F TRAVELING AT 38 MPH CAUSED THE OUTSIDE RAIL TO MOVE OUTWARD, DERAILING THE ENTIRE TRAIN ON A TWO DEGREE CURVE.

CR	01/31/79	05:08 AM	MUNCY		PA	REAR END COLLISION	2	3	\$1,254,200
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29	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6428	SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		FREIGHT TRAIN		X6407	0	
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS					30	
			17 CARS						
			1 CABOOSE						

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 6407 EAST) TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

MILW	01/31/79	03:50 PM	REESEVILLE		WI	DERAILMENT	0	2	\$62,500
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30	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		213	SPEED (MPH)	
	METHOD OF OPERATION:		AUTOMATIC BLOCK					40	
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS						
			23 CARS						

PROBABLE CAUSE: BROKEN AXLE ON LOCOMOTIVE UNIT (MILW 2049).

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

CNW	01/31/79	05:22 PM	ARLINGTON	NE	DERAILMENT	0	0	\$217,000
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31	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		358	40	
	EQUIPMENT DERAILED:		43 CARS					

PROBABLE CAUSE: RAIL PULLED APART AT JOINT. BATTERED RAIL END ON EAST RAIL INDICATED THE JOINT WAS OPEN PRIOR TO THE DERAILEMENT.

CONTRIBUTING FACTOR: EXTREMELY COLD TEMPERATURE CAUSED RAIL TO CONTRACT.

CO	02/04/79	07:15 AM	CHARLESTON	WV	DERAILMENT	0	2	\$254,500
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32	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8228	35	
				FREIGHT TRAIN		X3582	40	
	EQUIPMENT DERAILED:		7 LOCOMOTIVE UNITS					
			37 CARS					

PROBABLE CAUSE: A RAIL BROKE UNDER THE FIRST LOCOMOTIVE UNIT OF EXTRA 8228 EAST WHICH DERAILED, AND SHORTLY THEREAFTER RE-RAILED BEFORE IT STOPPED. THERE WAS NO TIME AVAILABLE FOR A FLAGMAN TO MOVE BACK AND WARN OF THE DERAILEMENT, WHICH ALSO OBSTRUCTED THE ADJACENT TRACK. EXTRA 3582 EAST WAS MOVING ON THE ADJACENT TRACK VERY CLOSE BEHIND EXTRA 8228 AND COULD NOT STOP BEFORE HITTING THE DERAILED CARS. THE RAILS IN THE ACCIDENT AREA ARE 132-POUND.

MP MKT	02/05/79	02:57 PM	NEVADA	MO	HEAD END COLLISION	0	3	\$24,550
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33	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		INTERLOCKING	MOVEMENTS INVOLVED: FREIGHT TRAIN		X1689	10	
				FREIGHT TRAIN		EX316	25	
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS					
			1 CARS					

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 1689 NORTH) TO COMPLY WITH THE RED ASPECT OF INTERLOCKING SIGNAL 3172.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
SP	02/06/79	02:45 PM	CORRIGAN		TX	RAIL-HWY CROSSING	0	28	\$0
34	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS			MOVEMENTS INVOLVED: FREIGHT TRAIN	216		10
	EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: THE DRIVER OF THE SCHOOL BUS DROVE THE BUS ONTO THE RAILROAD TRACK IN FRONT OF THE TRAIN.									
CONTRIBUTING FACTOR: BUS DRIVER'S VIEW OBSTRUCTED BY RAILROAD CARS PARKED NEAR THE CROSSING.									
CNW	02/06/79	11:50 PM	WARREN		WI	DERAILMENT	0	0	\$137,000
35	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN	490		25
	EQUIPMENT DERAILED:		52 CARS 2 CABOOSE						
PROBABLE CAUSE: TRAIN HANDLING (SLACK ACTION).									
LN	02/07/79	11:40 AM	CHICAGO		IL	RAIL-HWY CROSSING	2	18	\$6,600
36	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN	1033		38
	EQUIPMENT DERAILED:		NONE						
PROBABLE CAUSE: THE SCHOOL BUS DRIVER DID NOT COMPLY WITH THE WARNING OF THE AUTOMATIC FLASHING LIGHTS AT THE GRADE CROSSING. THERE WERE NO GATES AT THAT CROSSING.									

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
MP SSW	02/09/79	12:10 PM	RANGLES		MO	DERAILMENT	1	1	\$117,500
37	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL		FREIGHT TRAIN		X3092	25	
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS		FREIGHT TRAIN		X3225	0	
			7 CARS						
PROBABLE CAUSE: UNDETERMINED.									
BO	02/10/79	04:35 AM	RIDGEWAY		PA	DERAILMENT	0	0	\$88,900
38	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL		FREIGHT TRAIN		X3690	25	
	EQUIPMENT DERAILED:		12 CARS		CUT OF CARS			0	
PROBABLE CAUSE: FAILURE OF PLAIN BEARING JOURNAL ON COVERED HOPPER CAR (BN 436112) IN TRAIN (EXTRA 3690).									
CONTRIBUTING FACTOR: SOME OF THE DERAILED CARS STRUCK AND DAMAGED CARS ON THE ADJACEENT TRACK.									
SCL ATK	02/11/79	06:15 AM	MCINTOSH		GA	DERAILMENT	0	40	\$325,059
39	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL		PASSENGER TRAIN		NO.81	81	
	EQUIPMENT DERAILED:		13 CARS						
PROBABLE CAUSE: BROKEN WHEEL ON THIRD CAR OF TRAIN (ATK 2766).									

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
FEC	02/12/79	:	OAKLAND PARK	FL	DERAILMENT	0	2	\$880,000
40	TYPE OF TRACK:		Siding					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	2-97	45
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 17 CARS					
PROBABLE CAUSE: VANDALS OPENED SWITCH TO AN AUXILIARY TRACK.								
SP	02/12/79	06:20 AM	HOUSTON	TX	RAIL-HWY CROSSING	0	4	\$3,000
41	TYPE OF TRACK:		Industry					SPEED (MPH)
	METHOD OF OPERATION:		YARD RULES		MOVEMENTS INVOLVED:	YARD/SWITCHING	YD-JB	5
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS					
PROBABLE CAUSE: FAILURE OF TRUCK DRIVER TO STOP AND REMAIN STANDING AT THE CROSSING, AS REQUIRED BY TEXAS MOTOR VEHICLE LAW.								
ICG	02/12/79	07:41 AM	CHICAGO	IL	REAR END COLLISION	0	2	\$0
42	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK INTERLOCKING		MOVEMENTS INVOLVED:	PASSENGER TRAIN PASSENGER TRAIN	732 702	5 10
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: ACCUMULATION OF ICE AND/OR SNOW ON BRAKING SURFACES OF THE FOLLOWING TRAIN.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
MILW	02/12/79	07:40 PM	STURTEVANT	WI	DERAILMENT	0	0	\$295,500
43	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		251	44
	EQUIPMENT DERAILED:		49 CARS					
PROBABLE CAUSE: ICE BUILD-UP BETWEEN THE BASE OF THE RAIL AND THE TIE PLATES, CAUSING WIDE GAGE.								
BO	02/13/79	03:00 AM	BIG RUN	PA	DERAILMENT	0	0	\$87,100
44	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X4361	34
	EQUIPMENT DERAILED:		18 CARS					
PROBABLE CAUSE: ICE BUILD-UP BETWEEN THE BASE OF THE RAIL AND THE TIE PLATES.								
MP	02/14/79	12:27 AM	GOODWINE	IL	REAR END COLLISION	0	2	\$6,800
45	TYPE OF TRACK:		Siding				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3233	0
					FREIGHT TRAIN		X3179	10
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS					
			2 CARS					
			1 CABOOSE					
PROBABLE CAUSE: FAILURE OF THE CREW TO OPERATE FOLLOWING TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								
CONTRIBUTING FACTOR: INOPERATIVE REAR-END ELECTRICAL MARKING DEVICE ON THE CABOOSE OF THE PRECEDING TRAIN.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
BO	02/25/79	06:58 AM	CHESTER		PA	DERAILMENT	0	2	\$375,500
49			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main AUTOMATIC BLOCK 35 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		NE 84	SPEED (MPH) 50
PROBABLE CAUSE: RAIL SEPARATION, DUE TO BROKEN JOINT BAR BOLTS.									
DTP	02/27/79	04:31 PM	PUEBLO		CO	DERAILMENT	0	0	\$454,500
50			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main TRAIN ORDERS RADIO 24 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		469	SPEED (MPH) 44
PROBABLE CAUSE: A 115-POUND RAIL ON A FOUR DEGREE CURVE, THAT HAD A 20 PERCENT DETAIL FRACTURE INSIDE A JOINT BAR, BROKE UNDER A TRAIN MOVING AT 44 MPH.									
MP	02/28/79	10:15 AM	POPING		AR	DERAILMENT	0	0	\$175,500
51			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main AUTOMATIC BLOCK 19 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3068	SPEED (MPH) 39
PROBABLE CAUSE: BROKEN JOINT BARS ON THE HIGH RAIL OF A FOUR DEGREE 30 MINUTE CURVE. THE RAILS IN THE AREA ARE 115-POUND LAID IN 1956.									

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
CO	02/28/79	04:20 PM	BUCHANAN		VA	DERAILMENT	0	0	\$561,300
52			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main TRAFFIC CONTROL 37 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7421	SPEED (MPH) 35
PROBABLE CAUSE: BROKEN COUPLER ON FLAT CAR (TTX 474624).									
BM	02/28/79	04:50 PM	BEVERLY		MA	DERAILMENT	0	0	\$13,000
53			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main AUTOMATIC BLOCK 1 LOCOMOTIVE UNITS 3 CARS		MOVEMENTS INVOLVED: PASSENGER TRAIN		556	SPEED (MPH) 33
PROBABLE CAUSE: IRREGULAR 2 1/4-INCH CROSSLEVEL CAUSED THE DERAILMENT.									
CONTRIBUTING FACTOR: EXCESSIVE SPEED OVER THE 30 MPH LIMIT.									
BO ATK	03/01/79	04:22 AM	HARDMAN		WV	DERAILMENT	0	0	\$550
54			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main AUTOMATIC BLOCK 1 LOCOMOTIVE UNITS 2 CARS		MOVEMENTS INVOLVED: PASSENGER TRAIN		32	SPEED (MPH) 44
PROBABLE CAUSE: WIDE GAGE TRACK.									

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
CR ATK	03/11/79	05:05 PM	BACK BAY	MA	SIDE COLLISION	0	6	\$37,418
55	TYPE OF TRACK: Main		METHOD OF OPERATION: INTERLOCKING		MOVEMENTS INVOLVED: PASSENGER TRAIN		151	SPEED (MPH) 0
	EQUIPMENT DERAILED: 1 LOCOMOTIVE UNITS		TRAIN ORDERS		FREIGHT TRAIN		115	7
	EQUIPMENT DERAILED: 1 CABOOSE							
PROBABLE CAUSE: FAILURE OF TRAIN CREW OF CONRAIL TRAIN NO. 115 TO CONTROL ITS SPEED AND STOP SHORT OF A SIGNAL THAT DISPLAYED A STOP INDICATION.								
UP	03/12/79	03:10 AM	GOTHENBURG	NE	DERAILMENT	0	0	\$300,050
56	TYPE OF TRACK: Main		METHOD OF OPERATION: AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X1405	SPEED (MPH) 60
	EQUIPMENT DERAILED: 22 CARS							
PROBABLE CAUSE: FAILURE TO OPERATE TRAIN IN ACCORDANCE WITH TIMETABLE INSTRUCTIONS, WHICH RESTRICT THE SPEED OF TRAINS HAULING OPEN-TOP HOPPER CARS.								
BO	03/15/79	09:50 AM	GARRETT	PA	DERAILMENT	0	0	\$208,000
57	TYPE OF TRACK: Main		METHOD OF OPERATION: AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6577	SPEED (MPH) 37
	EQUIPMENT DERAILED: 41 CARS				FREIGHT TRAIN		X4186	10
PROBABLE CAUSE: BROKEN RAIL (VERTICAL SPLIT HEAD) UNDER TRAIN (EXTRA 6577).								

RAILROAD CODE	DATE	TIME	CITY	LOCATION	STATE	ACCIDENT TYPE	CASUALTIES KILLED	CASUALTIES INJURED	ESTIMATED COST OF RAILROAD DAMAGES
BN ATK	03/28/79	05:50 PM	LOHMAN		MT	DERAILMENT	0	56	\$312,000
61	TYPE OF TRACK:		Main		TRAFFIC CONTROL		MOVEMENTS INVOLVED: PASSENGER TRAIN		SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL						79
	EQUIPMENT DERAILED:		9 CARS						
PROBABLE CAUSE: BROKEN WHEEL ON BAGGAGE CAR (A 1248).									
UP	03/29/79	02:41 AM	RAMSEY		WY	REAR END COLLISION	2	2	\$601,978
62	TYPE OF TRACK:		Main		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL				FREIGHT TRAIN		X3055 10
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS						X3449 48
			20 CARS						
			2 CABOOSE						
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 3449 WEST) TO OPERATE IN ACCORDANCE WITH RESTRICTIVE SIGNAL INDICATIONS.									
BN	03/30/79	09:35 PM	BADEN		MN	DERAILMENT	0	0	\$278,200
63	TYPE OF TRACK:		Main		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL						X2103 37
	EQUIPMENT DERAILED:		41 CARS						
PROBABLE CAUSE: UNDETERMINED.									

RAILROAD CODE	DATE	TIME	----- CITY	----- LOCATION STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
BN	03/31/79	08:50 PM	SWAN RIVER	MN	DERAILMENT	0	0	\$191,517
64	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2107	32
	EQUIPMENT DERAILED:		32 CARS					
PROBABLE CAUSE: UNDETERMINED.								
SOU	04/06/79	05:20 PM	FRIENDS	TN	DERAILMENT	0	0	\$863,500
65	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		559	40
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 57 CARS					
PROBABLE CAUSE: BROKEN WHEEL FLANGE ON REAR LOCOMOTIVE UNIT (NO. 8239).								
MEC	04/06/79	10:45 PM	BANGOR	ME	DERAILMENT	0	0	\$33,200
66	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		863	8
	EQUIPMENT DERAILED:		7 CARS					
PROBABLE CAUSE: WIDE GAGE TRACK.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

LN	04/08/79	08:02 AM	CRESTVIEW	FL	DERAILMENT	0	1	\$1,061,500
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67	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		403	30
	EQUIPMENT DERAILED:	TRAIN ORDERS						
		28 CARS						

PROBABLE CAUSE: FAILURE OF THE TRAIN CREW TO OPERATE THE TRAIN IN ACCORDANCE WITH PREVAILING SPEED RESTRICTIONS AND PROPER TRAIN HANDLING PROCEDURES.

CONTRIBUTING FACTOR: THE DISPATCHING OF A HEAVY TRAIN CONSISTING OF A VARIETY OF LARGE-CAPACITY TANK CARS WITH MOTIVE POWER INADEQUATE TO PROPERLY NEGOTIATE THE RULING GRADE. FAILURE OF THE RAILROAD TO ADEQUATELY INSTRUCT ITS PERSONNEL IN PROPER TRAIN HANDLING PROCEDURES.

SLSF MKT	04/10/79	06:05 AM	COLUMBUS	KS	REAR END COLLISION	1	2	\$386,002
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68	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		X403	0
		TRAIN ORDERS			FREIGHT TRAIN		X222	36
	EQUIPMENT DERAILED:	5 CARS						
		1 CABOOSE						

PROBABLE CAUSE: FAILURE OF TRAIN CREW (SLSF EXTRA 403 EAST) TO PROVIDE FLAG PROTECTION, AS REQUIRED BY RAILROAD OPERATING RULES.

ICG	04/12/79	07:45 AM	BLUFORD	IL	DERAILMENT	0	3	\$1,670,000
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69	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN		X6001	23
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNITS						
		26 CARS						

PROBABLE CAUSE: EARTH SLIDE UNDER TRACK DUE TO WATER SATURATION.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
ICG	04/12/79	08:50 PM	FORT KNOX	KY	DERAILMENT	0	0	\$106,980
70	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:	FREIGHT TRAIN	2167	30
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 21 CARS					
PROBABLE CAUSE: OVERTURNING OF THE OUTSIDE RAIL ON A 4 DEGREE 10 MINUTE CURVE, DUE TO EXCESSIVE LATERAL FORCE ON DETERIORATED TIES.								
ATSF	04/14/79	06:30 AM	CULEBRA	NM	DERAILMENT	0	0	\$824,125
71	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN	308M1	70
	EQUIPMENT DERAILED:		43 CARS					
PROBABLE CAUSE: ROLLER BEARING FAILURE ON BOX CAR (ATSF 9158).								
BN UP MILW	04/15/79	03:56 AM	VANCOUVER JUNCTION	WA	HEAD END COLLISION	0	8	\$239,750
72	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:	FREIGHT TRAIN FREIGHT TRAIN	X5700 X3441	7 12
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 4 CARS					
PROBABLE CAUSE: BN TRAIN DISPATCHER AUTHORIZED OPPOSING TRAIN MOVEMENTS ON THE SAME TRACK.								

RAILROAD CODE	DATE	TIME	----- LOCATION ----- CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED INJURED		ESTIMATED COST OF RAILROAD DAMAGES
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ATK	04/20/79	12:05 PM	EDISON	NJ	HEAD END COLLISION	0	75	\$353,600
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73	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: PASSENGER TRAIN		111		75
			TIME TABLE	WORK TRAIN		1307		8
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS					
			1 CARS					

PROBABLE CAUSE: FAILURE OF THE TRAIN DISPATCHER TO ISSUE PROPER ORDERS AND SECURE THE ROUTE FOR TRACK MACHINE MOVEMENT AND OF THE BLOCK OPERATOR TO SECURE THE TRAFFIC DIRECTION AND ROUTE FOR TRACK MACHINE MOVEMENT.

CONTRIBUTING FACTOR: FAILURE OF SEVERAL BLOCK OPERATORS TO COMPLY WITH OPERATING INSTRUCTIONS BY PERMITTING THE TRACK MACHINE TO PROCEED WITHOUT SECURING PROPER AUTHORITY.

BO	04/25/79	06:40 PM	KNIGHT	WV	DERAILMENT	0	0	\$211,150
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74	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X4328		29
	EQUIPMENT DERAILED:		52 CARS					

PROBABLE CAUSE: TRAIN HANDLING.

CR	04/27/79	04:15 AM	WILKINSBURG	PA	SIDE COLLISION	0	2	\$149,700
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75	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		X8140		
				FREIGHT TRAIN		X3184		30
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS					
			5 CARS					

PROBABLE CAUSE: ABSENCE OF EMPLOYEE ON OR AT LEADING END OF SHOVING MOVEMENT.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
BN	04/27/79	09:50 PM	HILLSDALE	IL	HEAD END COLLISION	0	0	\$300,400
76	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7047	0
	EQUIPMENT DERAILED:		TRAIN ORDERS		FREIGHT TRAIN		X5654	13
			1 LOCOMOTIVE UNITS					
			5 CARS					
PROBABLE CAUSE: SWITCH IMPROPERLY LINED.								
CONTRIBUTING FACTOR: LACK OF TRAINING GIVEN TO THE FRONT BRAKEMAN (EXTRA 7047 EAST). FAILURE OF ENGINEER (EXTRA 7047 EAST) TO ASCERTAIN IF SWITCH HAD BEEN PROPERLY LINED.								
MP	04/27/79	10:30 PM	CHAMOIS	MO	DERAILMENT	0	2	\$104,000
77	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3439	40
	EQUIPMENT DERAILED:		17 CARS					
PROBABLE CAUSE: UNDESIRED EMERGENCY AIR BRAKE APPLICATION RESULTING FROM AN AIR HOSE SEPARATION.								
CONTRIBUTING FACTOR: IMBALANCED PLACEMENT OF LOADED AND EMPTY CARS IN THE TRAIN.								
MILW ATK	04/29/79	05:15 PM	NEW LISBON	WI	DERAILMENT	0	12	\$475,112
78	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: PASSENGER TRAIN		7	60
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS					
			10 CARS					
PROBABLE CAUSE: A 1 1/2-INCH EXCESSIVE SUPERELEVATION ON A 0.48 DEGREE CURVE.								
CONTRIBUTING FACTOR: EXCESSIVE SPEED.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

ICG	04/30/79	04:20 PM	CECILIA		KY	DERAILMENT	0	0	\$149,900
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79	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN	X3045		25
	EQUIPMENT DERAILED:		13 CARS						

PROBABLE CAUSE: BROKEN JOINT BARS.

BM ATK	05/01/79	05:15 AM	CHARLESTOWN		NH	RAIL-HWY CROSSING	5	0	\$0
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80	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL			MOVEMENTS INVOLVED: PASSENGER TRAIN	733		48
	EQUIPMENT DERAILED:		NONE						

PROBABLE CAUSE: DRIVER OF MOTOR VEHICLE DID NOT STOP AND REMAIN STANDING AT A RAIL-HIGHWAY CROSSING, AS REQUIRED BY THE STATE LAW.

CR	05/03/79	06:35 PM	IRVING		NY	DERAILMENT	0	0	\$236,550
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81	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN	X1971		35
	EQUIPMENT DERAILED:		21 CARS						

PROBABLE CAUSE: BROKEN WHEEL ON BOX CAR (SP 605070).

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
BN ATK	05/06/79	04:44 AM	PASCO		WA	DERAILMENT	0	77	\$521,300
82			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main AUTOMATIC BLOCK 1 LOCOMOTIVE UNITS 10 CARS		MOVEMENTS INVOLVED: PASSENGER TRAIN		7	SPEED (MPH) 75
PROBABLE CAUSE: TRACK WASH-OUT DUE TO HEAVY RAINS.									
CR	05/06/79	02:02 PM	BESSEMER		PA	DERAILMENT	0	0	\$141,550
83			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main CAB SIGNAL AUTOMATIC BLOCK 14 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X8111	SPEED (MPH) 30
PROBABLE CAUSE: IMPROPER TRAIN HANDLING.									
ATK	05/06/79	04:19 PM	PENN STATION		NY	SIDE COLLISION	0	10	\$30,100
84			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Yard INTERLOCKING 1 LOCOMOTIVE UNITS		MOVEMENTS INVOLVED: PASSENGER TRAIN YARD/SWITCHING		194 N-4B	SPEED (MPH) 9 0
PROBABLE CAUSE: FAILURE OF YARD CREW TO OPERATE LOCOMOTIVE (N-4B EASTBOUND) IN ACCORDANCE WITH SIGNAL INDICATIONS.									

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
LN	05/08/79	08:13 AM	SINKS		KY	DERAILMENT	0	0	\$2,600
85	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL				265		
	EQUIPMENT DERAILED:		6 CARS				22		
PROBABLE CAUSE: INTERACTION OF LATERAL/VERTICAL FORCES ON A 6 DEGREE 40 MINUTE CURVE TO THE LEFT CAUSED WHEEL LIFT WHICH RESULTED IN THE DERAILMENT OF THE 5TH THROUGH THE 10TH HEAD CARS.									
SP	05/09/79	03:30 PM	STRANG		TX	REAR END COLLISION	1	2	\$21,100
86	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)		
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS YARD RULES		YARD/SWITCHING		0 7		
	EQUIPMENT DERAILED:		1 CABOOSE				X2729 X8329		
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 8329) TO MAINTAIN PROPER RADIO COMMUNICATION DURING THE SWITCHING MOVEMENT.									
NW	05/11/79	05:20 PM	WILMORE		WV	DERAILMENT	0	3	\$131,000
87	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL		FREIGHT TRAIN		28		
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 20 CARS		SINGLE CAR		38 0		
PROBABLE CAUSE: FAILURE OF PLAIN BEARING JOURNAL ON HOPPER CAR (N&W 37695) IN TRAIN (EXTRA 1803).									

RAILROAD CODE	DATE	TIME	----- CITY	----- LOCATION	----- STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
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MP MKT	05/16/79	05:30 PM	COLLINSVILLE		TX	DERAILMENT	0		\$562,476
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88	TYPE OF TRACK:	Main							SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK				MOVEMENTS INVOLVED: FREIGHT TRAIN		EX307	40
	EQUIPMENT DERAILED:	28 CARS							

PROBABLE CAUSE: FAILURE OF TRAIN DISPATCHER AND TRACK FOREMAN TO TAKE ADEQUATE STEPS TO INSURE THAT TRAIN CREW (EXTRA 307) WAS ADVISED OF SPEED RESTRICTION.

BN	05/17/79	12:01 AM	AURORA		NE	REAR END COLLISION	0	2	\$56,400
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89	TYPE OF TRACK:	Main							SPEED (MPH)
	METHOD OF OPERATION:	TRAFFIC CONTROL				MOVEMENTS INVOLVED: FREIGHT TRAIN		178	0
						FREIGHT TRAIN		10K58	12
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNITS							
		1 CARS							
		1 CABOOSE							

PROBABLE CAUSE: FAILURE OF TRAIN CREW (10K58) TO OPERATE TRAIN IN ACCORDANCE WITH THE DEFINITION OF "RESTRICTED SPEED".

LN	05/22/79	02:00 PM	CRAWFORDSVILLE		IN	DERAILMENT	0	0	\$9,355
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90	TYPE OF TRACK:	Main							SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK				MOVEMENTS INVOLVED: FREIGHT TRAIN		292	18
	EQUIPMENT DERAILED:	10 CARS							

PROBABLE CAUSE: CRITICAL ROCKING SPEED CAUSED WHEEL-LIFT ON A LOADED 100-TON COVERED HOPPER CAR.

CONTRIBUTING FACTOR: SLACK ACTION.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
SLSF	06/03/79	04:30 PM	SPRINGFIELD	MO	DERAILMENT	0	0	\$1,306,000
91	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2883	53
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 50 CARS					
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 2883) TO OPERATE THE TRAIN IN ACCORDANCE WITH THE 40 M.P.H. MAXIMUM AUTHORIZED SPEED ON THE FIVE DEGREE CURVE.								
CONTRIBUTING FACTOR: INACCURATE SPEED INDICATOR ON LOCOMOTIVE.								
LN	06/06/79	05:50 PM	NORTONVILLE	KY	REAR END COLLISION	0	0	\$8,500
92	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X2808 X3566	0 12
	EQUIPMENT DERAILED:		1 CARS 1 CABOOSE					
PROBABLE CAUSE: FAILURE OF CREW TO OPERATE THE TRAIN (EXTRA 3566 NORTH) IN ACCORDANCE WITH RESTRICTIVE SIGNAL INDICATION.								
BN	06/11/79	02:30 AM	BLOSSBURG	MT	DERAILMENT	0	2	\$330,000
93	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6250	52
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 12 CARS 1 CABOOSE					
PROBABLE CAUSE: EXCESSIVE SPEED (52 MPH) ON A TWO PERCENT DECENDING GRADE THAT HAS A SPEED LIMIT OF 20 MPH IN THE ACCIDENT AREA.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
ATK	06/13/79	08:40 PM	NEW HOLLAND BRIDGE	PA	DERAILMENT	0	8	\$67,600
94	TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		Main AUTOMATIC BLOCK CAB SIGNAL 1 LOCOMOTIVE UNITS 7 CARS		MOVEMENTS INVOLVED: PASSENGER TRAIN		31	SPEED (MPH) 73
PROBABLE CAUSE: BROKEN AXLE ON LOCOMOTIVE (ATK 264).								
SP	06/19/79	02:05 AM	SHREVEPORT	LA	DERAILMENT	0	1	\$14,019
95	TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		Main AUTOMATIC BLOCK YARD RULES 1 CARS 1 CABOOSE		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7634	SPEED (MPH) 12
PROBABLE CAUSE: UNEQUAL DISTRIBUTION OF CARGO WEIGHT.								
SP	06/19/79	01:55 PM	HOUSTON	TX	DERAILMENT	0	0	\$50,000
96	TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:		Main TRAFFIC CONTROL 3 CARS		MOVEMENTS INVOLVED: FREIGHT TRAIN		SRASK	SPEED (MPH) 10
PROBABLE CAUSE: IRREGULAR CROSSLEVEL OF THE TRACK ON A SIX DEGREE CURVE.								

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
CO	06/22/79	09:38 AM	NEWAYGO	MI	DERAILMENT	0	0	\$84,930
97	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		X7427	SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE					20
	EQUIPMENT DERAILED:		TRAIN ORDERS					
			17 CARS					
PROBABLE CAUSE: TWO-INCH VARIATION IN CROSSLEVEL IN A DISTANCE OF 16 FEET 4 INCHES ON A SPIRAL.								
SOU	06/25/79	01:35 PM	BIBB MILL	AL	DERAILMENT	3	1	\$738,500
98	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		87	SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE					
	EQUIPMENT DERAILED:		TRAIN ORDERS					
			1 LOCOMOTIVE UNITS					
			12 CARS					
			1 CABOOSE					
PROBABLE CAUSE: EXCESSIVE SPEED.								
CONTRIBUTING FACTOR: INOPERATIVE SPEED INDICATOR ON THE LOCOMOTIVE UNIT. INSUFFICIENT CURVE ELEVATION TO ALLOW AN ADEQUATE MARGIN OF SAFETY. OPERATION OF HIGH-CENTER-OF-GRAVITY CARS UNDER PREVAILING CONDITIONS.								
RI	06/30/79	07:50 AM	ALMA	KS	DERAILMENT	0	0	\$88,744
99	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		EX350	SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK					25
	EQUIPMENT DERAILED:		14 CARS					
PROBABLE CAUSE: COUPLER PIN RETAINER PLATE INSECURE AT "A" END OF A BULKHEAD FLAT CAR (TTPX 80582).								

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
SCL	07/08/79	08:15 PM	DUNNELLON	FL	DERAILMENT	0	0	\$87,378

103	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		311	35
	EQUIPMENT DERAILED:	TRAIN ORDERS						
		7 CARS						

PROBABLE CAUSE: BROKEN HYDRAULIC CUSHIONING DEVICE AT "B" END OF BOX CAR (SCL 95071).

UP	07/12/79	11:40 PM	ELKHORN	NE	RAIL-HWY CROSSING	3	1	\$1,000
104	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: LIGHT LOCO(S)		X6936	60
	EQUIPMENT DERAILED:	CAB SIGNAL						
		NONE						

PROBABLE CAUSE: THE DRIVER OF EMERGENCY VEHICLE FAILED TO STOP AND REMAIN STANDING AT RAIL-HIGHWAY CROSSING, AS REQUIRED BY NEBRASKA STATE LAW.

CR	07/13/79	03:10 PM	GRASS LAKE	MI	DERAILMENT	0	2	\$386,720
105	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN		X8269	44
	EQUIPMENT DERAILED:	21 CARS						

PROBABLE CAUSE: LOOSE WHEEL ON BOX CAR (CR 223315).

RAILROAD CODE	DATE	TIME	----- LOCATION -----		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

CR	07/13/79	03:10 PM	HERKIMER	NY	REAR END COLLISION	0	6	\$150,900
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106	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN	X2913		0
					WORK TRAIN	SX127		25
	EQUIPMENT DERAILED:	1 CARS						

PROBABLE CAUSE: FAILURE OF TRAIN DISPATCHER TO NOTIFY THE CREW OF SPERRY CAR (EXTRA 127) OF A TRAIN IN THE SAME BLOCK.

PATH	07/17/79	02:11 PM	HARRISON	NJ	DERAILMENT	0	15	\$3,300
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107	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: PASSENGER TRAIN		206	45
		AUTO TRAIN STOP						
	EQUIPMENT DERAILED:	4 CARS						

PROBABLE CAUSE: BUCKLED TRACK DUE TO HEAT KINK.

ATK	07/22/79	03:45 AM	LANCASTER	PA	DERAILMENT	0	1	\$580,000
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108	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	INTERLOCKING			MOVEMENTS INVOLVED: WORK TRAIN		X768	43
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNITS						
		17 CARS						

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 768) TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

RAILROAD CODE	DATE	TIME	----- LOCATION ----- CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
SP	07/24/79	04:03 AM	THOUSAND PALMS	CA	REAR END COLLISION	1	4	\$1,441,700
109	TYPE OF TRACK:		Siding					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X8484	0
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS			FREIGHT TRAIN	X7810	20
			11 CARS					
			1 CABOOSE					
PROBABLE CAUSE: FAILURE OF CREW (EXTRA 7810 WEST) TO OPERATE TRAIN IN ACCORDANCE WITH RESTRICTIVE SIGNAL INDICATIONS.								
CONTRIBUTING FACTOR: POSSIBLE USE OF ALCOHOL.								
WP	07/24/79	05:48 PM	LOW	UT	REAR END COLLISION	0	2	\$116,500
110	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X3005	0
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS			FREIGHT TRAIN	X3523	18
			1 CARS					
			1 CABOOSE					
PROBABLE CAUSE: FAILURE OF LIGHT LOCOMOTIVE CONSIST TO OPERATE THE TRAIN IN ACCORDANCE WITH CARRIER OPERATING RULES.								
CONTRIBUTING FACTOR: INCORRECT INFORMATION ON THE LOCATION OF THE TRAIN, FURNISHED BY THE ENGINEER OF EXTRA 3005 EAST.								
MP	07/28/79	05:10 AM	PEARSALL	TX	DERAILMENT	0	0	\$417,850
111	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X3054	35
	EQUIPMENT DERAILED:		22 CARS			CUT OF CARS		
PROBABLE CAUSE: FAILURE OF PLAIN BEARING JOURNAL AT L-1 LOCATION ON BOX CAR (MP 125882).								
CONTRIBUTING FACTOR: SOME OF THE DERAILED CARS FROM TRAIN (EXTRA 3054) STRUCK AND DERAILED CARS ON THE ADJACENT TRACK.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
CR	08/01/79	12:11 PM	PERRYVILLE		MD	DERAILMENT	0	0	\$171,050
115	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		ENW11		44
	EQUIPMENT DERAILED:		18 CARS						
PROBABLE CAUSE: BROKEN WHEEL ON AUTO RACK CAR (TTKX 903427).									
BM	08/02/79	01:40 AM	CHICOPEE		MA	DERAILMENT	0	3	\$335,000
116	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		CVSP1		25
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 12 CARS						
PROBABLE CAUSE: TRACK WASHOUT DUE TO HEAVY RAIN.									
SOU	08/02/79	03:30 AM	BURLINGTON-GRAHAM		NC	HEAD END COLLISION	0	7	\$397,500
117	TYPE OF TRACK:		Main						SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS YARD RULES		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		2/150 X5086		20 31
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS						
PROBABLE CAUSE: THE CREW MEMBERS IN THE LOCOMOTIVE CABS OF BOTH TRAINS FAILED TO CONTROL THE SPEED OF THE TRAINS IN ACCORDANCE WITH YARD LIMIT RULES.									

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED INJURED		ESTIMATED COST OF RAILROAD DAMAGES
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SP	08/02/79	10:30 AM	PERKINS	CA	HEAD END COLLISION	0	4	\$9,500
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118	TYPE OF TRACK: METHOD OF OPERATION:		Industry TIME TABLE TRAIN ORDERS YARD RULES		MOVEMENTS INVOLVED: YARD/SWITCHING FREIGHT TRAIN		X2609 X3882	SPEED (MPH) 0 15
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 3 CARS					

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 3882 EAST) TO OPERATE TRAIN IN ACCORDANCE WITH YARD LIMIT RULES.

ATK	08/04/79	07:02 AM	WARWICK	RI	DERAILMENT	0	4	\$69,400
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119	TYPE OF TRACK: METHOD OF OPERATION:		Main CAB SIGNAL AUTOMATIC BLOCK		MOVEMENTS INVOLVED: PASSENGER TRAIN		191	SPEED (MPH) 76
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS 1 CARS					

PROBABLE CAUSE: MUD SLIDE OVER TRACK DUE TO HEAVY RAIN-FALL.

SP	08/05/79	05:50 PM	OXNARD	CA	DERAILMENT	1	3	\$94,587
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120	TYPE OF TRACK: METHOD OF OPERATION:		Main AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X8899 X9383	SPEED (MPH) 35 0
	EQUIPMENT DERAILED:		14 CARS					

PROBABLE CAUSE: SHIFTED LOAD ON FLAT CAR (SP 570401).

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
CR DH	08/10/79	10:30 PM	LINDEN		NY	REAR END COLLISION	0	2	\$54,000
121	TYPE OF TRACK:		Siding		MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		TRAFFIC CONTROL		FREIGHT TRAIN		0		
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS		LIGHT LOCO(S)		X6147		
			1 CARS		FREIGHT TRAIN		X1738		
			1 CABOOSE				X8015		
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 1738 WEST) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.									
LA	08/17/79	05:05 PM	RESERVE		LA	RAIL-HWY CROSSING	0	2	\$46,300
122	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		AUTOMATIC BLOCK		FREIGHT TRAIN		20		
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS				X4359		
			4 CARS						
PROBABLE CAUSE: TRUCK DRIVER FAILED TO STOP VEHICLE CLEAR OF RAIL-HIGHWAY CROSSING, AS REQUIRED BY LOUISIANA MOTOR VEHICLE LAW.									
DTI	08/19/79	08:45 PM	LIMA		OH	DERAILMENT	0	3	\$706,000
123	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		YARD RULES		FREIGHT TRAIN		20		
			TIME TABLE				X407		
			TRAIN ORDERS						
	EQUIPMENT DERAILED:		4 LOCOMOTIVE UNITS						
			15 CARS						
PROBABLE CAUSE: FOUR JUVENILES BROKE SWITCH LOCK AND RAISED SWITCH LEVER OUT OF KEEPER.									

RAILROAD CODE	DATE	TIME	CITY	LOCATION	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
CR	08/20/79	03:30 AM	DELAIR		NJ	DERAILMENT	0	2	\$127,700
124	TYPE OF TRACK:		Main		SPEED (MPH)				
	METHOD OF OPERATION:		INTERLOCKING		MOVEMENTS INVOLVED: FREIGHT TRAIN		RUCA9	10	
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS		LIGHT LOCO(S)		X4413	10	
			9 CARS						
			1 CABOOSE						
PROBABLE CAUSE: FAILURE OF ENGINE CREW (EXTRA 4413) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.									
BN	08/23/79	10:30 AM	MAIDEN ROCK		WI	HEAD END COLLISION	0	6	\$1,583,800
125	TYPE OF TRACK:		Main		SPEED (MPH)				
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X6633	0	
			TIME TABLE		FREIGHT TRAIN		X6399	36	
	EQUIPMENT DERAILED:		TRAIN ORDERS						
			8 LOCOMOTIVE UNITS						
			14 CARS						
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 6399 WEST) TO COMPLY WITH TRAIN ORDER INSTRUCTIONS.									
CONTRIBUTING FACTOR: TRACK WORK IN THE AREA REQUIRED EXTRA 6399 WEST TO OPERATE AGAINST CURRENT OF TRAFFIC.									
BO	08/28/79	05:15 AM	SOUTH PARK		OH	DERAILMENT	1	0	\$49,100
126	TYPE OF TRACK:		Main		SPEED (MPH)				
	METHOD OF OPERATION:		TIME TABLE		MOVEMENTS INVOLVED: FREIGHT TRAIN		PB-44	25	
	EQUIPMENT DERAILED:		TRAIN ORDERS						
			2 LOCOMOTIVE UNITS						
			3 CARS						
PROBABLE CAUSE: DEBRIS ON TRACK DUE TO HEAVY RAIN.									

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
SOU	08/29/79	01:30 PM	LEXINGTON	NC	REAR END COLLISION	0	1	\$16,000
127	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X2831	
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS 1 CABOOSE		FREIGHT TRAIN		X3962	20
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 3962 SOUTH) TO OPERATE TRAIN AT RESTRICTED SPEED AND TO MAINTAIN A LOOKOUT FOR CONDITIONS AFFECTING SAFE TRAIN MOVEMENT.								
CR	08/30/79	09:45 AM	WASHINGTON	RI	DERAILMENT	0	0	\$3,200
128	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		MANUAL BLOCK TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		BX-27	6
	EQUIPMENT DERAILED:		6 CARS					
PROBABLE CAUSE: WIDE GAGE TRACK.								
SP	09/08/79	04:20 PM	PAXTON	TX	DERAILMENT	0	1	\$1,095,000
129	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS		MOVEMENTS INVOLVED: FREIGHT TRAIN		X1291	30
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 34 CARS					
PROBABLE CAUSE: EXCESSIVE SPEED.								
CONTRIBUTING FACTOR: THE ENGINEER APPLIED INDEPENDENT BRAKE ON A 2 DEGREE 20 MINUTE CURVE.								

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	

CR	09/12/79	04:34 AM	ALLIANCE	OH	DERAILMENT	0	3	\$2,416,000
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130	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	INTERLOCKING			MOVEMENTS INVOLVED: FREIGHT TRAIN		X1912	65
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNITS 56 CARS						

PROBABLE CAUSE: THE TRAIN CREW FAILED TO OPERATE THE TRAIN IN ACCORDANCE WITH SIGNAL INDICATION. THE TRAIN RAN IN EXCESSIVE SPEED THROUGH CROSSOVERS AND DID NOT MAKE A REQUIRED SAFETY STOP IN ACCORDANCE WITH A DISPLAYED SIGNAL.

CONTRIBUTING FACTOR: THE PROBABLE USE OF ALCOHOL BY THE ENGINEMAN. THE OTHER CREW MEMBERS ON THE LOCOMOTIVE FAILED TO TAKE ACTIONS TO CONTROL THE SPEED OF THE TRAIN.

CO	09/14/79	06:20 AM	DAYTON	KY	DERAILMENT	0	2	\$168,500
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131	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN		93	40
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNITS 17 CARS						

PROBABLE CAUSE: TRACK WASHOUT DUE TO HEAVY RAIN-FALL.

CR ATK	09/16/79	03:42 AM	BAY VIEW	MD	SIDE COLLISION	0	1	\$42,000
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132	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	INTERLOCKING			MOVEMENTS INVOLVED: FREIGHT TRAIN YARD/SWITCHING		X4416 YD-JB	8 10
	EQUIPMENT DERAILED:	1 LOCOMOTIVE UNITS 2 CARS						

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 4416 NORTH) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.

RAILROAD CODE	DATE	TIME	----- LOCATION ----- CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
SOU	09/17/79	01:20 PM	NORRIS YARD	AL	BROKEN TRAIN COLLISION	0	2	\$257,500
133	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: YARD/SWITCHING		AD-05	0	
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 15 CARS	YARD/SWITCHING		AD-06	10	
PROBABLE CAUSE: ANGLE COCK WAS CLOSED BETWEEN TWO CARS IN TRAIN (AD-05).								
CONTRIBUTING FACTOR: IMPROPER TRAIN AIR BRAKE TEST.								
SP	09/17/79	03:30 PM	RAY JUNCTION	AZ	HEAD END COLLISION	0	5	\$8,125
134	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		X6339	25	
	EQUIPMENT DERAILED:		NONE	WORK TRAIN		M5843	12	
PROBABLE CAUSE: THE TRACK MOTORCAR OPERATOR FAILED TO COMPLY WITH SPECIAL INSTRUCTIONS GOVERNING TRACK MOTORCAR OPERATION.								
CONTRIBUTING FACTOR: A HILLSIDE CUT, A FIVE DEGREE CURVE, AND DESERT GROWTH RESTRICTED VISIBILITY IN THE ACCIDENT AREA. CONTRARY TO INSTRUCTIONS RELATIVE TO A TRAIN MOVEMENT THE TRACK MOTORCAR OPERATOR DID NOT TAKE THE REQUIRED PRECAUTIONS, WHILE APPROACHING AND MOVING INTO THE CURVE.								
LN	09/18/79	10:55 AM	RADNOR	TN	HEAD END COLLISION	0	2	\$357,100
135	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		768	0	
	EQUIPMENT DERAILED:		5 LOCOMOTIVE UNITS	FREIGHT TRAIN		X1254	14	
PROBABLE CAUSE: FAILURE OF OPERATOR TO ASCERTAIN IF RADIO INSTRUCTIONS HAD BEEN RECEIVED AND UNDERSTOOD BY TRAIN CREW.								
CONTRIBUTING FACTOR: FAILURE OF TRAIN CREW (EXTRA 1254 NORTH) TO CONTROL TRAIN SPEED IN ACCORDANCE WITH PREVAILING SPEED RESTRICTIONS.								

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
SCL	09/20/79	04:05 AM	ST. STEPHENS	SC	DERAILMENT	0	1	\$553,329
136			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main TRAFFIC CONTROL 52 CARS	MOVEMENTS INVOLVED: FREIGHT TRAIN		2/109	SPEED (MPH) 45
PROBABLE CAUSE: FAILURE OF PLAIN BEARING JOURNAL DUE TO OVERHEATING ON GONDOLA CAR (SOU 60540).								
MILW	09/21/79	04:35 PM	COLOGNE	MN	DERAILMENT	0	3	\$215,450
137			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main AUTOMATIC BLOCK 5 LOCOMOTIVE UNITS 14 CARS	MOVEMENTS INVOLVED: FREIGHT TRAIN		X1009	SPEED (MPH) 35
PROBABLE CAUSE: LEAD LOCOMOTIVE UNIT'S PILOT SNOWPLOW (NO. 1009) STRUCK SURFACE OF RAIL-HIGHWAY CROSSING AFTER PASSING OVER A LOW JOINT, IMMEDIATELY "BOTTOMING OUT."								
CCO	09/22/79	11:30 PM	KONA	NC	HEAD END COLLISION	0	1	\$98,930
138			TYPE OF TRACK: METHOD OF OPERATION: EQUIPMENT DERAILED:	Main TRAFFIC CONTROL 5 LOCOMOTIVE UNITS 7 CARS	MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		97 X3012.	SPEED (MPH) 0 21
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 3012 SOUTH) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
CO	09/26/79	3:08 PM	MARION	OH	DERAILMENT	0	0	\$195,350
139	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	X4040	25
	EQUIPMENT DERAILED:		48 CARS			FREIGHT TRAIN	X7527	32
PROBABLE CAUSE: UNDETERMINED.								
SOU	09/29/79	08:50 AM	GREEN	GA	REAR END COLLISION	0	1	\$802,050
140	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED:		FREIGHT TRAIN	123	0
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 15 CARS 1 CABOOSE			FREIGHT TRAIN	143	46
PROBABLE CAUSE: FAILURE OF TRAIN CREW (143) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								
CR	10/01/79	05:20 AM	ROYERSFORD	PA	REAR END COLLISION	2	1	\$392,500
141	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK	MOVEMENTS INVOLVED:		FREIGHT TRAIN	APJ-2	0
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS 20 CARS 1 CABOOSE			FREIGHT TRAIN	ALPG2	30
PROBABLE CAUSE: FAILURE OF ENGINE CREW (ALPG-2) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								
CONTRIBUTING FACTOR: POSSIBLE USE OF MARIJUANA.								

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED INJURED		ESTIMATED COST OF RAILROAD DAMAGES
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ATSF ATK	10/02/79	06:10 AM	LAWRENCE	KS	DERAILMENT	2	135	\$4,573,850
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142	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK AUTO TRAIN STOP YARD RULES			MOVEMENTS INVOLVED: PASSENGER TRAIN		NO. 4	76
	EQUIPMENT DERAILED:	3 LOCOMOTIVE UNITS 17 CARS						

PROBABLE CAUSE: EXCESSIVE SPEED ON A SEVEN DEGREE CURVE. THE MAXIMUM AUTHORIZED SPEED ON THE CURVE WAS 30 MPH.

ICG ATK	10/05/79	06:47 PM	CHICAGO	IL	DERAILMENT	0	2	\$20,200
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143	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	INTERLOCKING AUTOMATIC BLOCK			MOVEMENTS INVOLVED: PASSENGER TRAIN		381	1
	EQUIPMENT DERAILED:	1 LOCOMOTIVE UNITS 1 CARS						

PROBABLE CAUSE: IRREGULAR TRACK ALIGNMENT AT RAILROAD CROSSING DIAMONDS. TRACK DIAMOND "A" WAS 1 1/2 INCHES OUT OF ALIGNMENT WITH DIAMOND "B".

SP	10/07/79	10:20 PM	ELLWOOD	CA	DERAILMENT	0	2	\$992,760
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144	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN		834	50
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNITS 39 CARS						

PROBABLE CAUSE: OBSTRUCTION PLACED ON THE TRACK.

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED INJURED		ESTIMATED COST OF RAILROAD DAMAGES
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NS	10/12/79	10:25 AM	PANTEGO	NC	RAIL-HWY CROSSING	0	2	\$132,000
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145	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		35	25
	EQUIPMENT DERAILED:	TRAIN ORDERS						
		1 LOCOMOTIVE UNITS						
		5 CARS						

PROBABLE CAUSE: FAILURE OF TRACTOR-TRAILER DRIVER TO STOP AT RAIL-HIGHWAY CROSSING, AS REQUIRED BY NORTH CAROLINA MOTOR VEHICLE LAW.

ICG ATK	10/12/79	09:05 PM	HARVEY	IL	HEAD END COLLISION	2	57	\$1,697,000
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146	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN	X3000	0	
		YARD RULES			PASSENGER TRAIN	392	58	
	EQUIPMENT DERAILED:	3 LOCOMOTIVE UNITS						
		4 CARS						

PROBABLE CAUSE: SWITCHTENDER THREW CROSSOVER SWITCH IN FRONT OF AMTRAK PASSENGER TRAIN (392).

CONTRIBUTING FACTOR: THE SWITCHTENDER HAD LIMITED WORK EXPERIENCE IN ASSIGNED JOB. FAILURE OF PASSENGER TRAIN CREW TO OPERATE TRAIN IN ACCORDANCE WITH SPECIAL INSTRUCTIONS CONCERNING "REDUCED SPEED."

UP	10/13/79	11:25 PM	GRANITE	WY	DERAILMENT	0	1	\$659,487
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147	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN	X2812	69	
					FREIGHT TRAIN	X3612	45	
	EQUIPMENT DERAILED:	39 CARS						

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 2812 EAST) TO CONTROL TRAIN SPEED IN ACCORDANCE WITH CARRIER RULES.

CONTRIBUTING FACTOR: THE LEAD LOCOMOTIVE UNIT WAS IN SERVICE AS CONTROLLING UNIT, AFTER BEING TAKEN OFF THE LINE. INOPERATIVE SPEEDOMETER ON LEAD LOCOMOTIVE UNIT. FAILURE OF DYNAMIC BRAKING SYSTEM ON LOCOMOTIVE CONSIST. THE MAXIMUM AUTHORIZED SPEED FOR EXTRA 2812 WAS 20 MPH.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
CR	10/16/79	08:19 AM	ANGORA	PA	REAR END COLLISION	1	786	\$1,940,312
148	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED:		PASSENGER TRAIN	1718
							PASSENGER TRAIN	0714
							PASSENGER TRAIN	716
	EQUIPMENT DERAILED:		5 CARS					0
PROBABLE CAUSE: FAILURE OF TRAIN CREW (NO. 1718) TO OPERATE TRAIN IN ACCORDANCE WITH SIGNAL INDICATIONS.								
CR	10/20/79	03:55 PM	ACRE	OH	BROKEN TRAIN COLLISION	1	1	\$205,100
149	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		CAB SIGNAL INTERLOCKING		MOVEMENTS INVOLVED:		FREIGHT TRAIN	X8085
	EQUIPMENT DERAILED:		1 LOCOMOTIVE UNITS 2 CARS					10
PROBABLE CAUSE: EXCESSIVE COUPLING SPEED.								
ATSF ATK	10/22/79	01:10 AM	OFFERLE	KS	DERAILMENT	0	43	\$269,000
150	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED:		PASSENGER TRAIN	4
	EQUIPMENT DERAILED:		3 CARS					87
PROBABLE CAUSE: RAIL JOINT BARS FOR 132-POUND RAIL WHICH WERE 36 INCHES LONG BROKE UNDER A PASSENGER TRAIN.								

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED INJURED		ESTIMATED COST OF RAILROAD DAMAGES
SP	10/31/79	03:35 AM	FLATONIA	TX	HEAD END COLLISION	0	2	\$60,500
151	TYPE OF TRACK:		Main	MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS	FREIGHT TRAIN FREIGHT TRAIN		X8535 X4136	0 6	
	EQUIPMENT DERAILED:		NONE					
PROBABLE CAUSE: THE CARRIER FAILED TO ENFORCE SPECIAL INSTRUCTIONS GOVERNING "TIE-UP" OF TRAINS LEFT UNATTENDED ON MAIN TRACK.								
CONTRIBUTING FACTOR: YARD LIMIT SIGN OBSCURED. FAILURE OF THE TRAIN DISPATCHERS TO ISSUE THE TRAIN ORDERS REQUIRED BY THE CARRIER. FAILURE OF CARRIER TO PROVIDE SUFFICIENT EMPLOYEE TRAINING ON OPERATING RULES. FAILURE TO REQUIRE THAT TRAIN OPERATIONS CONDUCTED IN ACCORDANCE WITH OPERATING RULES.								
SOO	11/04/79	06:10 AM	MOOSE LAKE	MN	REAR END COLLISION	0	2	\$329,785
152	TYPE OF TRACK:		Main	MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		TIME TABLE TRAIN ORDERS YARD RULES	FREIGHT TRAIN FREIGHT TRAIN		X 41 X 714	0 30	
	EQUIPMENT DERAILED:		2 LOCOMOTIVE UNITS 5 CARS 1 CABOOSE					
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 714 EAST) TO CONTROL THE TRAIN SPEED WITHIN YARD LIMITS.								
CONTRIBUTING FACTOR: ENGINEER WAS NOT FAMILIAR WITH TERRITORY (ENTERED SOO LINE SERVICE OCTOBER 23, 1979). MESSAGE DELIVERED AT MCGREGOR FAILED TO CLEARLY IDENTIFY LOCATION OF TRAIN (EXTRA 41).								
CR	11/08/79	04:55 AM	BOURBON	IN	DERAILMENT	0	14	\$319,404
153	TYPE OF TRACK:		Main	MOVEMENTS INVOLVED:		SPEED (MPH)		
	METHOD OF OPERATION:		AUTOMATIC BLOCK	FREIGHT TRAIN		IHEN8	40	
	EQUIPMENT DERAILED:		25 CARS					
PROBABLE CAUSE: BROKEN WHEEL ON TANK CAR (NATX 22246).								

RAILROAD		LOCATION				CASUALTIES		ESTIMATED COST OF
CODE	DATE	TIME	CITY	STATE	ACCIDENT TYPE	KILLED	INJURED	RAILROAD DAMAGES
LN	11/11/79	01:21 AM	MOLINO	FL	DERAILMENT	0	0	\$916,150
154	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		MANUAL BLOCK	MOVEMENTS INVOLVED: FREIGHT TRAIN		403		45
	EQUIPMENT DERAILED:		VERBAL PERMISSION					
			2 LOCOMOTIVE UNITS					
			31 CARS					
PROBABLE CAUSE: EROSION OF THE WEST EMBANKMENT UNDER THE WEST RAIL.								
CONTRIBUTING FACTOR: HEAVY RAINFALL IN THE ACCIDENT AREA.								
CO	11/12/79	12:30 AM	WAVERLY	MI	DERAILMENT	0	0	\$12,195
155	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL	MOVEMENTS INVOLVED: FREIGHT TRAIN		331		9
	EQUIPMENT DERAILED:		5 CARS					
PROBABLE CAUSE: RAIL SPREAD DUE TO DETERIORATED CROSSTIES.								
ICG	11/12/79	05:40 PM	WOODBINE	IA	DERAILMENT	0	0	\$368,400
156	TYPE OF TRACK:		Main					SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE	MOVEMENTS INVOLVED: FREIGHT TRAIN		X9607		30
	EQUIPMENT DERAILED:		TRAIN ORDERS					
			16 CARS					
PROBABLE CAUSE: BRIDGE COLLAPSED WHEN STRUCK BY SHIFTED LOAD OF STEEL IN GONDOLA CAR (CR 530069).								

RAILROAD CODE	DATE	TIME	CITY	LOCATION	STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
SCL	11/17/79	10:55 AM	AUBURNDALE		FL	DERAILMENT	0	0	\$540,394
157	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		X1546		SPEED (MPH)
	METHOD OF OPERATION:		TRAFFIC CONTROL						45
	EQUIPMENT DERAILED:		38 CARS						
PROBABLE CAUSE: BROKEN TRUCK BOLSTER ON HOPPER CAR (SCL 767084).									
UP	11/17/79	10:35 PM	DEVILS SLIDE		UT	DERAILMENT	0	0	\$1,548,119
158	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		EX 73		SPEED (MPH)
	METHOD OF OPERATION:		AUTOMATIC BLOCK						48
	EQUIPMENT DERAILED:		CAB SIGNAL						
			5 LOCOMOTIVE UNITS						
			42 CARS						
PROBABLE CAUSE: RAILROAD BRIDGE STRUCK BY A FRONT-END LOADER RESULTING IN MISALIGNMENT OF TRACK/BRIDGE.									
SOO	11/19/79	05:00 AM	FAIRMONT		ND	DERAILMENT	0	2	\$587,701
159	TYPE OF TRACK:		Main		MOVEMENTS INVOLVED: FREIGHT TRAIN		X713		SPEED (MPH)
	METHOD OF OPERATION:		TIME TABLE						32
	EQUIPMENT DERAILED:		TRAIN ORDERS						
			4 LOCOMOTIVE UNITS						
			16 CARS						
PROBABLE CAUSE: BROKEN JOINT BARS.									

RAILROAD CODE	DATE	TIME	LOCATION CITY	STATE	ACCIDENT TYPE	CASUALTIES KILLED INJURED		ESTIMATED COST OF RAILROAD DAMAGES
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CSP	11/20/79	07:40 AM	OROFINO	ID	SIDE COLLISION	0	6	\$500
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160	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE TRAIN ORDERS YARD RULES			MOVEMENTS INVOLVED: CUT OF CARS WORK TRAIN			0 10
							TK-CR	

EQUIPMENT DERAILED: NONE

PROBABLE CAUSE: FAILURE OF TRACK MOTORCAR OPERATOR TO OPERATE THE CAR AT A SPEED AT WHICH IT COULD BE STOPPED IN SIGHT DISTANCE.

CONTRIBUTING FACTOR: THE FLAT CAR WAS LEFT FOULING THE MAIN TRACK.

KCS	11/20/79	03:40 PM	DREXEL	MO	SIDE COLLISION	0	0	\$165,000
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161	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TRAFFIC CONTROL			MOVEMENTS INVOLVED: FREIGHT TRAIN FREIGHT TRAIN		X600 X7106	5 0

EQUIPMENT DERAILED: 13 CARS
1 CABOOSE

PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 7106 NORTH) TO PROPERLY SECURE HAND BRAKE ON CARS LEFT UNATTENDED.

BM	11/21/79	03:02 AM	NORTHAMPTON	MA	DERAILMENT	0	2	\$65,000
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162	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: PASSENGER TRAIN		732	30
	EQUIPMENT DERAILED:	1 LOCOMOTIVE UNITS 5 CARS						

PROBABLE CAUSE: WIDE GAGE TRACK.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES
			CITY	STATE		KILLED	INJURED	
CNTP	11/24/79	09:37 AM	GLEN MARY	TN	DERAILMENT	0	1	\$1,126,075
163	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		124	45
	EQUIPMENT DERAILED:		3 LOCOMOTIVE UNITS 50 CARS		FREIGHT TRAIN		128	45
PROBABLE CAUSE: BROKEN WHEEL ON GONDOLA CAR (SOU 66464).								
ICG	12/02/79	12:55 AM	HAZLEHURST	MS	DERAILMENT	0	0	\$392,400
164	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		AUTOMATIC BLOCK		MOVEMENTS INVOLVED: FREIGHT TRAIN		X3067	37
	EQUIPMENT DERAILED:		24 CARS					
PROBABLE CAUSE: BROKEN TRUCK BOLSTER ON CAR (GATX 71418).								
LN	12/11/79	03:00 PM	GALLATIN	TN	REAR END COLLISION	0	2	\$19,000
165	TYPE OF TRACK:		Main				SPEED (MPH)	
	METHOD OF OPERATION:		TRAFFIC CONTROL		MOVEMENTS INVOLVED: FREIGHT TRAIN		X1563	0
	EQUIPMENT DERAILED:		1 CARS 1 CABOOSE		LIGHT LOCO(S)		X1023	35
PROBABLE CAUSE: FAILURE OF TRAIN CREW (EXTRA 1023 NORTH) TO OPERATE THE LOCOMOTIVE IN ACCORDANCE WITH SIGNAL INDICATIONS.								

RAILROAD CODE	DATE	TIME	CITY	LOCATION STATE	ACCIDENT TYPE	CASUALTIES KILLED	INJURED	ESTIMATED COST OF RAILROAD DAMAGES
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LN	12/13/79	04:26 AM	HUBBARD	SPRINGS VA	DERAILMENT	0	0	\$795,500
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166	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		X9957	30
		TRAIN ORDERS						
		MANUAL BLOCK						
	EQUIPMENT DERAILED:	4 LOCOMOTIVE UNITS						
		24 CARS						

PROBABLE CAUSE: EXCESSIVE LATERAL FORCE CAUSED OVERTURNING OF THE HIGH RAIL IN AN EIGHT DEGREE CURVE.

BN	12/17/79	02:15 PM	ORISKA	ND	DERAILMENT	0	0	\$245,000
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167	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: FREIGHT TRAIN		158	50
	EQUIPMENT DERAILED:	49 CARS						

PROBABLE CAUSE: BROKEN WHEEL ON HOPPER CAR (NP 87364).

ICG ATK	12/17/79	03:40 PM	CHICAGO	IL	DERAILMENT	0	12	\$36,000
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168	TYPE OF TRACK:	Main						SPEED (MPH)
	METHOD OF OPERATION:	AUTOMATIC BLOCK			MOVEMENTS INVOLVED: PASSENGER TRAIN		58	11
		INTERLOCKING						
	EQUIPMENT DERAILED:	2 CARS						

PROBABLE CAUSE: SWITCH POINT WAS NOT PROPERLY SEATED DUE TO A WORN STOCK RAIL, CAUSING THE LEAD TRUCK OF THE REAR PASSENGER CAR TO CLIMB THE RAIL.

RAILROAD CODE	DATE	TIME	LOCATION		ACCIDENT TYPE	CASUALTIES		ESTIMATED COST OF RAILROAD DAMAGES	
			CITY	STATE		KILLED	INJURED		
BN	12/25/79	05:30 AM	FIRTH		NE	REAR END COLLISION	0	6	\$50,500

172	TYPE OF TRACK:								SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		X6788		46
		TRAIN ORDERS			FREIGHT TRAIN		X7107		6
	EQUIPMENT DERAILED:	2 LOCOMOTIVE UNITS							
		1 CARS							
		1 CABOOSE							

PROBABLE CAUSE: FAILURE OF REAR-END CREW (EXTRA 7107 WEST) TO PROVIDE FLAG PROTECTION, AS REQUIRED BY CARRIER'S OPERATING RULES.

LN	12/26/79	10:15 PM	COLUMBIA		TN	HEAD END COLLISION	0	2	\$353,127
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173	TYPE OF TRACK:	Main							SPEED (MPH)
	METHOD OF OPERATION:	TIME TABLE			MOVEMENTS INVOLVED: FREIGHT TRAIN		337		0
		TRAIN ORDERS			LIGHT LOCO(S)				32
	EQUIPMENT DERAILED:	5 LOCOMOTIVE UNITS							
		2 CARS							

PROBABLE CAUSE: VANDALS; STARTED LOCOMOTIVE CONSIST IN MOTION BUT WERE NOT ON LOCOMOTIVE AT THE TIME OF THE COLLISION.

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